FIRE PROTECTIVE CLOSURES

FIRE RATED COUNTER SHUTTER
Models ERC10 and ERC20 (integral frame and sill)

PREPAREDNESS IS EVERYTHING WHEN SECONDS COUNT

SUPERIOR SEPARATION AND PROTECTION
UL labeled for up to 3 hours, Fire-Rated Counter Shutters are custom-built to exact opening specifications using compact guides, slats, brackets and hoods for a smooth profile. When compact door components are desired, these rated shutters quickly and reliably close to the sill.

GET UL LABELS FOR UP TO 1½ HOURS ON INTEGRAL FRAME AND SILL UNITS
For a custom appearance and a quick install, slip-in units easily set into existing walls.

FAILSAFE ACTIVATION
AlarmGard® shutters may be integrated to the building fire alarm control panel or they may simply be activated by local smoke detectors. Once notified by electrical signal, they close at a safe and reliable rate.

ENHANCED SMOKE PROTECTION AVAILABLE
Optional SmokeShield® smoke and draft control conforms to UL1784 and assures that smoke will be compartmentalized with the fire and not spread quickly throughout the facility, allowing safe egress for occupants.
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**STANDARD COMPONENT MATERIALS AND FINISHES**

- **HOOD** - Galvanized steel with GalvaNex™ polyester enamel finish to match curtain. Encloses the curtain and provides fire protection at the head of the door.
- **COUNTER-BALANCE SHAFT** - Steel. Supports curtain and contains torsion springs for assisting operation.
- **BRACKETS** - Steel with powder coating to match curtain. Bolt to guide assembly and support counter-balance shaft and curtain.
- **GUIDES** - Steel with powder coating to match curtain. Guide assemblies bolt to the wall and support the entire weight of the unit.
- **CURTAIN** - Galvanized steel with GalvaNex™ polyester enamel finish in Gray, Tan, or White. Interlocking roll-formed flat-faced slats with galvanized steel end locks riveted to the slats to maintain curtain alignment and prevent wear.
- **BOTTOM BAR** - Steel with SpectraShield® powder coating to match curtain. Reinforcing member attached to the bottom of the curtain with a vinyl astragal seal. Lock mechanisms available.

**OPTIONAL MATERIALS AND FINISHES**

- Stainless steel - 300 series in #4 finish
- SpectraShield® Powder Coating in more than 180 colors

**Brackets, Guides and Bottom Bar**

- Hot-dip galvanizing on steel components
- Zinc-enriched, corrosion-resistant powder coating in Gray

**OPERATION AND STRUCTURAL REQUIREMENTS**

**Hand-crank, push-up and a variety of motor options are available**

This product is supported by a guide assembly attached to the jamb construction. No additional header support is required unless hood supports are mandated by a larger opening width.

**WITH INTEGRAL FRAME AND SILL**

- **HOOD** - Stainless steel.
- **BRACKETS** - Stainless steel.
- **CURTAIN** - Stainless steel.
- **BOTTOM BAR** - Stainless steel.
- **FRAME** - Welded stainless steel head and jambs. Guide groove is incorporated into jamb design.
- **SILL** - Stainless steel provides a seamless, custom look.
- **TRIM** - Stainless steel jamb trim angles. Head trim optional

*All stainless steel is 300 series in #4 finish

**CUSTOM-DESIGNED SOLUTIONS**

Contact our experienced Architectural Design Support Team for help in customizing our products to fit your specific application. Call 800.233.8366 ext. 4551 • architecturaldesignsupport@cornellcookson.com